

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

08/04/03



<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>	Attorney Docket No.	2479.1030-005
	First Named Inventor or Application Identifier	James A. Proctor, Jr.
	Express Mail Label No.	EV 214943036 US

Title of Invention	FORWARD ERROR CORRECTION SCHEME FOR HIGH RATE DATA EXCHANGE IN A WIRELESS SYSTEM
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<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>Mail Stop Patent Application</b> <b>Commissioner for Patents</b> P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>  2. <input checked="" type="checkbox"/> Specification <b>Total Pages 14</b> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure  3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>Total Sheets 1</b> <input checked="" type="checkbox"/> Fig. of the Drawings for Publication 1 <input type="checkbox"/> No Figure to be Published  4. <input checked="" type="checkbox"/> Oath or Declaration <b>Total Pages 2</b> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).  5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>	6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form b. <input type="checkbox"/> Paper Copy (identical to computer copy) <input type="checkbox"/> Pages c. <input type="checkbox"/> Statements verifying identity of above copies  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">ACCOMPANYING APPLICATION PARTS</th></tr> <tr> <td>7. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents)</td><td></td></tr> <tr> <td><input checked="" type="checkbox"/> Assignee - Tantivy Communications, Inc. Melbourne, Florida 32901</td><td></td></tr> <tr> <td>8. <input type="checkbox"/> Power of Attorney</td><td><input type="checkbox"/> 37 C.F.R. 3.73(b) Statement</td></tr> <tr> <td>9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></td><td></td></tr> <tr> <td>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449</td><td><input type="checkbox"/> Copies of IDS Citations</td></tr> <tr> <td>11. <input type="checkbox"/> Preliminary Amendment</td><td></td></tr> <tr> <td>12. <input checked="" type="checkbox"/> Return Receipt Postcard</td><td></td></tr> <tr> <td>13. <input type="checkbox"/> Small Entity Statement(s)</td><td></td></tr> <tr> <td>14a. <input type="checkbox"/> Foreign Priority Claim under 35 U.S.C. §119 or 365</td><td></td></tr> <tr> <td>14b. <input type="checkbox"/> Certified Copy of Priority Document(s)</td><td></td></tr> <tr> <td>15. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i></td><td></td></tr> <tr> <td>16. <input checked="" type="checkbox"/> Other</td><td>Remarks letter w/copy of POA and Appt. of New Attorneys</td></tr> </table>	ACCOMPANYING APPLICATION PARTS		7. <input type="checkbox"/> Assignment Papers (cover sheet & documents)		<input checked="" type="checkbox"/> Assignee - Tantivy Communications, Inc. Melbourne, Florida 32901		8. <input type="checkbox"/> Power of Attorney	<input type="checkbox"/> 37 C.F.R. 3.73(b) Statement	9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>		10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations	11. <input type="checkbox"/> Preliminary Amendment		12. <input checked="" type="checkbox"/> Return Receipt Postcard		13. <input type="checkbox"/> Small Entity Statement(s)		14a. <input type="checkbox"/> Foreign Priority Claim under 35 U.S.C. §119 or 365		14b. <input type="checkbox"/> Certified Copy of Priority Document(s)		15. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i>		16. <input checked="" type="checkbox"/> Other	Remarks letter w/copy of POA and Appt. of New Attorneys
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17. **If a CONTINUING APPLICATION**, check appropriate box; supply the requisite information.

☒ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP)    of prior application No.: 09/301,484

Prior application information: Examiner: Nay Aung Maung    Group Art Unit: 2681

**The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference.**  
*(Add standard Related Applications section with incorporation by reference to specification or update same)*

18. CORRESPONDENCE ADDRESS					
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Submitted by Typed or Printed Name	David J. Thibodeau, Jr.	Reg. Number	31,671

22212 U.S. PTO  
10/6/03  
08/04/03

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)Applicant: James A. Proctor, Jr.Application No.: 09/301,484 Filed: 28 April 1999For: Forward Error Correction Scheme for High Rate Data Exchange in a Wireless SystemTantivy Communications, Inc.  
(Name of Assignee), a Corporation  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above.
- B. ☐ an assignee together with ☐ of the entire right, title and interest in the patent application identified above. A separate Certificate under 37 CFR § 3.73(b) is attached.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9943, Frame 0756-0757, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are attached.☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Nov. 16, 1999Name: Carlo AmalfitanoTitle: Vice President of Systems EngineeringSignature: Carlo Amalfitano